

Gateway Cities Diesel Emission Reduction Pilot Program

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Diesel Emission Reduction Pilot Program

- Gateway Cities Council of Governments is a joint powers authority comprised of 27 cities in southeastern Los Angeles County.
- Over 2 million people live in the sub-region.
- Manufacturing, warehousing, and trucking dominate the economy in our sub-region.
- Over 32,200 diesel trucks operate in and out of the Ports of Long Beach and Los Angeles each day



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Diesel Emission Reduction Pilot Program

- MATES-II Study by the SCAQMD estimates that the risk of getting cancer from pollutant exposure in the South Coast Air Basin is 14 times higher than elsewhere and *even higher* in the Gateway Cities.
- Our city officials decided to take the initiative to do something about the high levels of diesel emissions in the sub-region.



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Diesel Emission Reduction Pilot Program

- We worked with our Congressional delegation and have been awarded \$1.7 M in EPA funds to initiate a Pilot Program.
- Our objective: to establish a pilot program which provides a *non-regulatory, incentive-based approach* to reducing diesel emissions.



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Diesel Emission Reduction Pilot Program

- Our efforts will focus on reductions from heavy-duty trucks that operate in the Gateway Cities sub-region along the I-710 corridor and at the Port of Long Beach.
- We intend to help heavy-duty vehicle owners offset the cost of buying cleaner engines and fuels and/or retrofitting existing equipment.



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Diesel Emission Reduction Pilot Program

- We are exploring various options including:
 - Buying new, low-emission on-road vehicles.
 - Re-powering existing diesel vehicles with new, lower emission engines.
 - Retrofitting heavy-duty vehicles with after-treatment systems to reduce NO_x.



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Diesel Emission Reduction Pilot Program

- We are exploring various options including (cont'd):
 - Using lower emission diesel fuel, including emulsion fuels.
 - Applying any other cost-effective and verifiable technology for reducing NOx emissions from heavy-duty on-road vehicles.



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Diesel Emission Reduction Pilot Program

- Current Activities
 - Identify owners/operators, fleets or businesses with on-road medium and heavy-duty (over 14,000 lbs GVW) vehicles.
 - Contact prospective fleet and heavy-duty vehicle operators in the Gateway Cities sub-region to gauge interest in our pilot program.



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Diesel Emission Reduction Pilot Program

- Current Activities (cont'd)
 - Develop educational materials for owner/operators, fleet owners and fueling facility operators on the properties of different clean fuels and the availability of engines, vehicles, retrofits, components (fueling systems) and fueling infrastructure.



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Diesel Emission Reduction Pilot Program

- Current Activities (cont'd)
 - Develop program guidelines, eligibility criteria, reporting requirements, incentive structure.
 - Send information to fleet operators that express interest in participating in our program.
 - Develop cable TV show through the League of Women's Voters to increase program visibility.



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- Current activities (cont'd)
 - CARB recently joined us in partnership to develop the program.
 - Recently hired a technical consultant (Gladstein & Assoc.) to lead our outreach and program development efforts.
 - Establish a Steering Committee to guide our efforts.



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Diesel Emission Reduction Pilot Program

- Current activities (cont'd)
 - Working to leverage our resources.
 - Continue to work with our Congressional delegation to secure additional Federal funds.
 - Work with CARB to secure State funds.
 - Work with SCAQMD to secure regional funds.



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Diesel Emission Reduction Pilot Program

- Next 60 days:
 - Develop program criteria in concert with fleet operators and businesses in the sub-region.
 - Identify possible locations for installation of ultra low sulfur diesel fueling facilities.



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Diesel Emission Reduction Pilot Program

- Next 60 days (cont'd):
 - Identify fleet(s) and owner/operators to participate in a particulate trap program to be used in conjunction with ultra low sulfur fuel.
 - Develop program application and public education materials.



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Diesel Emission Reduction Pilot Program

- Next 60 days (cont'd):
 - Collaborate with and develop a partnership with the Port of Long Beach.
 - Identify projects that could be implemented as part of the Pilot Program at the Port of Long Beach and with major businesses in the sub-region.



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Diesel Emission Reduction Pilot Program

- Please join us in this important effort.
- We are in the early stages of program development and welcome your input and ideas.
- For additional information and to get on our mailing list, please contact our program manager: Sarah Siwek at SSiwek@aol.com.



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